



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

November 17, 2021

EPA Reg No./File Symbol 2749-AEU

Page 1 of 17

Applicant's/Registrant's Name & Address

Aceto Life Sciences, L.L.C.
4 Tri Harbor Court
Port Washington, NY 11050

Product

AG33037 A 3.4FL Fungicide

Ingredient Dodine, PC Code 44301, CAS # 2439-10-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC DATA REQUIREMENTS					
830.1550	Product Identity and Composition	51639001	Aceto Life Sciences, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	51639001	Aceto Life Sciences, LLC	OWN	
830.1620	Description of the Production Process			WAIVED ¹	
830.1650	Description of the Formulation Process	51639001	Aceto Life Sciences, LLC	OWN	
830.1670	Discussion of Formation of Impurities	51639001	Aceto Life Sciences, LLC	OWN	
830.1700	Preliminary Analysis			WAIVED ²	
830.1750	Certified Limits	51639001	Aceto Life Sciences, LLC	OWN	
830.1800	Enforcement Analytical Method	51639003	Aceto Life Sciences, LLC	OWN	
830.6302	Color	51639002	Aceto Life Sciences, LLC	OWN	
830.6303	Physical State	51639002	Aceto Life Sciences, LLC	OWN	
830.6304	Odor	51639002	Aceto Life Sciences, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions			WAIVED ³	
830.6314	Oxidation / Reduction: Chemical Incompatibility	51639004	Aceto Life Sciences, LLC	OWN	
830.6315	Flammability	51639002	Aceto Life Sciences, LLC	OWN	
830.6316	Explosibility	51639004	Aceto Life Sciences, LLC	OWN	
830.6317	Storage Stability			Generating the data ⁴	
830.6319	Miscibility	51639004	Aceto Life Sciences, LLC	OWN	
830.6320	Corrosion Characteristics			Generating the data ⁵	

Signature

Name and Title

John F, Wright, Authorized Representative

Date

11/17/21



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

November 17, 2021	EPA Reg No./File Symbol 2749-AEU	Page 2 of 17
Applicant's/Registrant's Name & Address Aceto Life Sciences, L.L.C. 4 Tri Harbor Court Port Washington, NY 11050	Product AG33037 A 3.4FL Fungicide	

Ingredient Dodine, PC Code 44301, CAS # 2439-10-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6321	Dielectric Breakdown Voltage	51639004	Aceto Life Sciences, LLC	OWN	
830.7000	pH	51639002	Aceto Life Sciences, LLC	OWN	
830.7050	UV / Visible Absorption			WAIVED ⁶	
830.7100	Viscosity	51639002	Aceto Life Sciences, LLC	OWN	
830.7200	Melting Point / Melting Range			WAIVED ⁷	
830.7220	Boiling Point / Boiling Range			WAIVED ⁸	
830.7300	Density / Relative Density / Bulk Density	51639002	Aceto Life Sciences, LLC	OWN	
830.7370	Dissociation Constants in Water			WAIVED ⁹	
830.7520	Particle Size, Fiber Length, and Diameter Distribution			WAIVED ¹⁰	
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method			WAIVED ¹¹	
830.7560	Partition Coefficient (n-octanol/water), Generator Method			WAIVED ¹²	
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography			WAIVED ¹³	
830.7850	Water Solubility: Column Elution Method, Shake Flask Method			WAIVED ¹⁴	
830.7860	Water Solubility: Generator Column Method			WAIVED ¹⁵	
830.7950	Vapor Pressure			WAIVED ¹⁶	
870.1100	Acute Oral Toxicity – rat	51639005	Aceto Life Sciences, LLC	OWN	
870.1200	Acute Dermal Toxicity – rat	51639006	Aceto Life Sciences, LLC	OWN	
870.1300	Acute Inhalation Toxicity – rat	51639007	Aceto Life Sciences, LLC	OWN	
870.2400	Eye Irritation	51639008	Aceto Life Sciences, LLC	OWN	

Signature 	Name and Title John F, Wright, Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

November 17, 2021	EPA Reg No./File Symbol 2749-AEU	Page 3 of 17
Applicant's/Registrant's Name & Address Aceto Life Sciences, L.L.C. 4 Tri Harbor Court Port Washington, NY 11050	Product AG33037 A 3.4FL Fungicide	

Ingredient Dodine, PC Code 44301, CAS # 2439-10-3

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2500	Skin Irritation	51639009	Aceto Life Sciences, LLC	OWN	
870.2600	Skin Sensitization	51639010	Aceto Life Sciences, LLC	OWN	

Signature 	Name and Title John F, Wright, Authorized Representative	Date 11/17/21
--	---	------------------

- ¹ **830.1620** This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ² **830.1700** This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ³ **830.6313** . This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ⁴ **830.6317** Storage Stability. Not required to be submitted unless specially requested by the Agency. Aceto agrees to conduct this study and requests that the study be made a condition of registration. PR Notice 92-5
- ⁵ **830.6320** Corrosion Characteristics. Not required to be submitted unless specially requested by the Agency. Aceto agrees to conduct this study and requests that the study be made a condition of registration. PR Notice 92-5.
- ⁶ **830.7050** UV/Visible Light Absorption. This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ⁷ **830.7200** Melting Point. This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ⁸ **830.7220** Boiling Point/ Boiling Range. This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ⁹ **830.7370** Dissociation Constants in Water. This data requirement is not applicable. This product is a solid, end use formulation and not a technical grade active ingredient (TGAI).
- ¹⁰ **830.7520** Particle Size, Fiber Length & Diameter Distribution. This data requirement is not applicable. Registrants of similar buprofezin solid formulations have not been required to submit this data.
- ¹¹ **830.7550** Partition Coefficient (n-octanol/water). This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ¹² **830.7560** Partition Coefficient (n-octanol/water). This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ¹³ **830.7570** Partition Coefficient (n-octanol/water). This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ¹⁴ **830.7850** Water Solubility: Column Elution Method. This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ¹⁵ **830.7850** Water Solubility: Generator Column Method. This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).
- ¹⁶ **830.7950** Vapor Pressure This data requirement is not applicable. This product is a solid end use formulation and not a technical grade active ingredient (TGAI).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 5 of 17			
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical				
Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
DODINE GENERIC DATA REQUIREMENTS					
850.2100	Acute Avian Oral Toxicity	00101399 41671001 41671003		OLD OLD OLD GAP	See endnote ¹
850.2200	Acute Avian Dietary Toxicity	41671002 41671004			See endnote ²
850.2400	Wild Mammal Toxicity				Not required / See 870 series
850.2300	Avian Reproductive Toxicity	43274602 44985705		OLD OLD	See endnote ³
850.2500	Simulated or Actual Field Testing				Not required
850.1075	Freshwater Fish Toxicity	00101398 41900301		OLD OLD	See endnote ⁴
850.1010	Freshwater Invertebrate Toxicity	42653501 42339601 46621305 46621306 46621307		OLD OLD OLD OLD OLD	See endnote ⁵

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 6 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	42501501 42501502 42653503 42653504		OLD OLD OLD OLD	See endnote ⁶
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	43876501		OLD	See endnote ⁷
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)	47548003	Arysta Lifescience Benelux	PAY	See endnote ⁸
850.1400	Fish Early Life Stage (Freshwater)	43876502		OLD	See endnote ⁹
850.1400	Fish Early Life Stage (Saltwater)	48210601	Arysta Lifescience Benelux	PAY	
850.1500	Life Cycle Fish				Not required
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Not required ¹⁰
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine				See SS DCI studies
SS-1369	Whole Sediment Chronic Freshwater Invertebrate with <i>Chironomus riparius</i>	46438201		OLD GAP	See endnote ¹¹
SS-1370	Whole Sediment Chronic Freshwater Invertebrate with <i>Hyalella azteca</i>			GAP	See endnote ¹²
SS-1371	Whole Sediment Chronic Freshwater Invertebrate with <i>Leptocheirus plumulosus</i>			GAP	See endnote ¹³

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 7 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.3020	Honey Bee Acute Contact Toxicity	40315505		OLD	See endnote ¹⁴
Special Study (OECD 213)	Honey Bee Acute Oral Toxicity	40315505		OLD	See endnote ¹⁵
SS-1313	Honey Bee Adult Chronic Oral Toxicity			GAP	See endnote ¹⁶
SS-1316	Field Trial of Residues in Pollen and Nectar				Reserved ¹⁷
SS-1317	Honey Bee Larval Acute Oral Toxicity			GAP	See endnote ¹⁸
SS-1318	Honey Bee Larval Chronic Oral Toxicity			GAP	See endnote ¹⁹
SS-1319	Semi-Field Testing for Pollinators (Tunnel or Colony Feeding Studies)				Reserved ²⁰
850.3030	Honeybee Toxicity of Residues on Foliage				Not required
850.3040	Field Testing for Pollinators				Reserved ²¹
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required
870.6200	Acute Neurotoxicity – Rat				Waived ²²
870.3100	90-Day Oral: Rodent	44704401		OLD	See endnote ²³
870.3150	90-Day Oral: Non-Rodent	44246101		OLD	
870.3200	21/28-Day Dermal Toxicity	46420701		OLD	See endnote ²⁴
870.3250	90-Day Dermal Toxicity				Not required
870.3465	90-Day Inhalation Toxicity			GAP	See endnote ²⁵
870.6100	28-Day Delayed Neurotoxicity – Hen				Not required
870.6200	90-Day Neurotoxicity				Waived ²⁶
870.4100	Chronic Oral Rodent	44704401		OLD	See endnote ²⁷

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 8 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4200	Carcinogenicity	44703201 44704401		OLD OLD	See endnote ²⁸
870.3700	Reproduction / Developmental Toxicity Screening Test	41900303 41900304		OLD OLD	See endnote ²⁹
870.3800	2-Generation Reproduction: Rat	44246001		OLD	See endnote ³⁰
870.6300	Developmental Neurotoxicity Study				Not required ³¹
870.5100	Bacterial Reverse Mutation Test	40315504		OLD	See endnote ³²
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Assay	41711001 41711002		OLD OLD	See endnote ³³
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	42311601		OLD	See endnote ³⁴
870.7485	Metabolism and Pharmacokinetics	42479001		OLD	See endnote ³⁵
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration	46621303		OLD	See endnote ³⁶
870.7800	Immunotoxicity	49133701	Arysta Lifescience Benelux	PAY	
875.1100	Dermal Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ³⁷
875.1200	Dermal Exposure – Indoor				Not required
875.1300	Inhalation Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ³⁷
875.1400	Inhalation Exposure – Indoor				Not required
875.1500	Biological Monitoring		Agricultural Handler Exposure TF	OWN	See endnote ³⁷
875.1600	Data Reporting and Calculations		Agricultural Handler Exposure TF	OWN	See endnote ³⁷


Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021		EPA Reg No./File Symbol 33427-EI		Page 9 of 17	
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050		Product Aceto Dodine Technical			
Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1700	Product Use Information		Agricultural Handler Exposure TF	OWN	See endnote ³⁷
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues	45192201		OLD	
875.2200	Soil Residue Dissipation		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2400	Dermal Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2500	Inhalation Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2600	Biological Monitoring		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2700	Product Use Information		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2800	Descriptions of Human Activity		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.2900	Data Reporting and Calculations		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
875.3000	Nondietary Ingestion Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ³⁸
201-1	Droplet Size Spectrum		Spray Drift TF	OWN	See endnote ³⁹
202-1	Droplet Size Spectrum		Spray Drift TF	OWN	See endnote ³⁹
Signature 			Name and Title John F. Wright Aceto Authorized Representative		Date 11/17/21



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 10 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4100	Tier 1: Seedling Emergence	42695102 42695104		OLD OLD GAP	See endnote ⁴⁰
850.4150	Tier 1: Vegetative Vigor	42695103		OLD GAP	See endnote ⁴¹
850.4400, 850.4500	Tier 1: Aquatic Plant Growth	42695101 46621308 46621309 47561901	Arysta Lifescience Benelux	OLD OLD OLD PAY GAP	See endnote ⁴²
850.4100	Tier 2: Seedling Emergence	42695102 42695104		OLD OLD GAP	See endnote ⁴³
850.4150	Tier 2: Vegetative Vigor	42695103		OLD GAP	See endnote ⁴⁴
850.4400, 850.4500	Tier 2: Aquatic Plant Growth	42695101 46621308 46621309 47561901	Arysta Lifescience Benelux	OLD OLD OLD PAY GAP	See endnote ⁴⁵
850.4300	Terrestrial Field				Not required

Signature

Name and Title

John F. Wright
Aceto Authorized Representative

Date

11/17/21



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460


Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 11 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.4450	Aquatic Field				Not required
850.4025	Target Area Phytotoxicity				Not required
850.4550	Cyanobacteria Toxicity			GAP	See endnote ⁴⁶
835.2120	Hydrolysis	00101402 00134831 42242601		OLD OLD OLD	See endnote ⁴⁷
835.2240	Photodegradation in Water	46438203		OLD	See endnote ⁴⁸
835.2410	Photodegradation in Soil	46438204		OLD	See endnote ⁴⁹
835.2370	Photodegradation in Air				Not required
835.4100	Aerobic Soil Metabolism	43945201		OLD	See endnote ⁵⁰
835.4200	Anaerobic Soil Metabolism	42763001 42763002		OLD OLD	
835.4300	Aerobic Aquatic Metabolism	46438202		OLD GAP	See endnote ⁵¹
835.4400	Anaerobic Aquatic Metabolism	42763001 42763002		OLD OLD	See endnote ⁵²
835.1230	Leaching / Adsorption / Desorption	42148901		OLD	See endnote ⁵³
835.1410	Volatility – Laboratory				Not required ⁵⁴
835.8100	Volatility – Field				Not required
835.6100	Soil Field Dissipation Study	44985701		OLD	

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 12 of 17
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical	

Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.6200	Aquatic Sediment Field Dissipation Study				Not required ⁵⁵
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Not required
835.7100	Ground Water Monitoring				Not required
850.6100	Environmental Chemistry Methods	44985702 50914401 50914402 50914403 50914404	Arysta Lifescience Benelux Arysta Lifescience Benelux Arysta Lifescience Benelux Arysta Lifescience Benelux	OLD PAY PAY PAY PAY GAP	See endnote ⁵⁶
860.1300	Nature of the Residue: Plants	42553201 42703001 44717601		OLD OLD OLD	
860.1300	Nature of the Residue: Livestock	44146401		OLD	
860.1850	Confined Rotational Crops	47910604	Arysta Lifescience Benelux	PAY	
860.1340	Residue Analytical Methods	47064904 47064905 47064906 47548001	Arysta Lifescience Benelux Arysta Lifescience Benelux Arysta Lifescience Benelux Arysta Lifescience Benelux	PAY PAY PAY PAY	
860.1360	Multiresidue Method				Not required

Signature

Name and Title

John F. Wright
Aceto Authorized Representative

Date

11/17/21



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 13 of 17			
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical				
Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380	Storage Stability	44985704 47064907 47064908 47184501	Arysta Lifescience Benelux Arysta Lifescience Benelux Arysta Lifescience Benelux	OLD PAY PAY PAY	
860.1500	Magnitude of the Residue in Plants: apples	44182801 47910603	Arysta Lifescience Benelux	OLD PAY	
860.1500	Magnitude of the Residue in Plants: bananas	47064901	Arysta Lifescience Benelux	PAY	
860.1500	Magnitude of the Residue in Plants: stone fruits (crop group 12)	44171801 44171802 46438205 47910601 47910602	Arysta Lifescience Benelux Arysta Lifescience Benelux	OLD OLD OLD PAY PAY	
860.1500	Magnitude of the Residue in Plants: tree nuts (crop group 14)	00101358 48476401	Arysta Lifescience Benelux	OLD PAY	
860.1500	Magnitude of the Residue in Plants: peanuts	47064902	Arysta Lifescience Benelux	PAY	
860.1500	Magnitude of the Residue in Plants: pears	44182802 47910603	Arysta Lifescience Benelux	OLD PAY	
860.1500	Magnitude of the Residue in Plants: strawberries	00101364		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: apples	44176401		OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: prunes	46438205		OLD	

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date November 17, 2021	EPA Reg No./File Symbol 33427-EI	Page 14 of 17			
Applicant's/Registrant's Name & Address Aceto US, LLC 4 Tri Harbor Court Port Washington, NY 11050	Product Aceto Dodine Technical				
Ingredient Dodine (CAS No.: 2439-10-3; Chemical Code: 44301)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520	Magnitude of the Residue in Processed Food or Feed: peanuts	47064903	Arysta Lifescience Benelux	PAY	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs				Not required
860.1400	Nature and Magnitude of the Residue in Potable Water				Not required
860.1400	Magnitude of the Residue in Fish				Not required
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water				Not required
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required
860.1900	Field Rotational Crops				Not required

Signature 	Name and Title John F. Wright Aceto Authorized Representative	Date 11/17/21
--	---	------------------

Data Matrix Endnotes for Aceto Dodine Technical

- ¹ **850.2100** – According to the November 18, 2015 Registration Review: Draft Problem Formulation for Environmental Fate, Ecological Risk, Endangered Species, and Human Health Drinking Water Exposure Assessments for Dodine/DGH (DP Barcode D427767) (Problem Formulation), the studies cited are supplemental and partially satisfies the data requirement. Additional passerine data were required in the Registration Review Data Call-In (DCI) and data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration. DGH data are not cited.
- ² **850.2200** – According to the Problem Formulation, the studies cited are acceptable and satisfy the data requirement. DGH data are not cited.
- ³ **850.2300** – According to the Problem Formulation, the studies cited are acceptable or supplemental and satisfy the data requirement. Invalid data are not cited.
- ⁴ **850.1075** – According to the Problem Formulation, the studies cited are acceptable or supplemental and satisfy the data requirement. DGH or invalid data are not cited.
- ⁵ **850.1010** – According to the Problem Formulation, the studies cited are acceptable or supplemental and satisfy the data requirement. DGH data are not cited.
- ⁶ **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** – According to the Problem Formulation, the studies cited are acceptable and satisfy the data requirement. DGH data or invalid MRID numbers listed in the Problem Formulation are not cited.
- ⁷ **850.1300** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁸ **850.1350** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁹ **850.1400** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ¹⁰ **850.1710, 850.1730, 850.1850** – According to the Problem Formulation, no data have been submitted, nor are data required.
- ¹¹ **SS-1369** – According to the Problem Formulation, the study cited is supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹² **SS-1370** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹³ **SS-1371** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹⁴ **850.3020** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ¹⁵ **OECD 213** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ¹⁶ **SS-1313** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹⁷ **SS-1316** – The DCI required the submission of these data. No data have been submitted. However, these data are only required based on lower tier data. If these data are required, Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹⁸ **SS-1317** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ¹⁹ **SS-1318** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.

Data Matrix Endnotes for Aceto Dodine Technical

- ²⁰ **SS-1319** – The DCI required the submission of these data. No data have been submitted. However, these data are only required based on lower tier data. If these data are required, Aceto will make an offer to jointly develop the data after approval of its registration.
- ²¹ **850.3040** – The DCI required the submission of these data. No data have been submitted. However, these data are only required based on lower tier data. If these data are required, Aceto will make an offer to jointly develop the data after approval of its registration.
- ²² **870.6200** – According to the Scoping Document, no data have been submitted to satisfy this requirement and HASPOC recommended this data requirement be waived.
- ²³ **870.3100** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ²⁴ **870.3200** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ²⁵ **870.3465** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ²⁶ **870.6200** – According to the Scoping Document, no data have been submitted to satisfy this requirement and HASPOC recommended this data requirement be waived.
- ²⁷ **870.4100** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ²⁸ **870.4200** – According to the Scoping Document, the studies cited are acceptable and satisfy the data requirement.
- ²⁹ **870.3700** – According to the Scoping Document, the studies cited are acceptable and satisfy the data requirement.
- ³⁰ **870.3800** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ³¹ **870.6300** – According to the Scoping Document, no data have been submitted to satisfy this requirement and these data are not required.
- ³² **870.5100** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ³³ **870.5300, 870.5375** – According to the Scoping Document, the studies cited are acceptable and satisfy the data requirement.
- ³⁴ **870.5385, 870.5395, 870.5450, 870.5550** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ³⁵ **870.7485** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ³⁶ **870.7600** – According to the Scoping Document, the study cited is acceptable and satisfies the data requirement.
- ³⁷ **875.1100, 875.1300, 875.1500, 875.1600, 875.1700** – Aceto is a member in good standing of the Agricultural Handler Exposure Task Force (AHETF).
- ³⁸ **875.2200, 875.2300, 875.2400, 875.2500, 875.2600, 875.2700, 875.2800, 875.2900, 875.3000** – Aceto is a member in good standing of the Agricultural Reentry Task Force (ARTF) and the Outdoor Residential Exposure Task Force (ORETF).
- ³⁹ **201-1, 202-1** – Aceto is a member in good standing of the Spray Drift Task Force (SDTF).
- ⁴⁰ **850.4100** – According to the Problem Formulation, the studies cited are supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.

Data Matrix Endnotes for Aceto Dodine Technical

- ⁴¹ **850.4150** – According to the Problem Formulation, the study cited is supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ⁴² **850.4400, 850.4500** – According to the Problem Formulation, the studies cited are acceptable or supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration. Note: two MRID numbers were incorrectly cited in the Problem Formulation; the correct MRID numbers are cited.
- ⁴³ **850.4100** – According to the Problem Formulation, the studies cited are supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ⁴⁴ **850.4150** – According to the Problem Formulation, the study cited is supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ⁴⁵ **850.4400, 850.4500** – According to the Problem Formulation, the studies cited are acceptable or supplemental and additional data are required. These data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration. Note: two MRID numbers were incorrectly cited in the Problem Formulation; the correct MRID numbers are cited.
- ⁴⁶ **850.4550** – The DCI required the submission of these data. No data have been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ⁴⁷ **835.2120** – According to the Problem Formulation, MRID 42242601 is acceptable and satisfies the data requirement. MRIDs 00101402 and 00134831 were also cited.
- ⁴⁸ **835.2240** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁴⁹ **835.2410** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁵⁰ **835.4100** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁵¹ **835.4300** – According to the Problem Formulation, the study cited is supplemental and partially satisfies the data requirement. Additional data were required in the DCI and data have not yet been submitted. Aceto will make an offer to jointly develop the data after approval of its registration.
- ⁵² **835.4400** – According to the Problem Formulation, the studies cited are acceptable and satisfy the data requirement.
- ⁵³ **835.1230** – According to the Problem Formulation, the study cited is acceptable and satisfies the data requirement.
- ⁵⁴ **835.1410** – According to the Problem Formulation, no data have been submitted, nor are data required.
- ⁵⁵ **835.6200** – These data are not required based on the proposed use patterns.
- ⁵⁶ **850.6100** – Data were required in the DCI and it appears some data have been submitted as of the date of the completion of the matrix; additional data are required. Aceto will make an offer to jointly develop the data after approval of its registration.